EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	79	(180/130).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/03/11 17:33
L6	3728	(381/72,312-314,375,151,74,380).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/03/11 17:33
L7	359	(181/130).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/03/11 18:01
S1	483	(381/74).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/19 10:24
S2	1	wilmink.in. and ear and detect$2 and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/19 10:25
S3	483	(381/380).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/19 10:25
S4	79	(180/130).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/19 10:25
S5	1	EP-440572-$.did.	USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/09/19 10:26
S6	1	("5631965").PN.	USPAT	OR	OFF	2008/09/19 10:29
S7	1	wilmink.in. and ear and detect$2 and valve and attenuat$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/19 11:14
S8	1	("5832094").PN.	USPAT	OR	OFF	2008/09/19 11:16
S9	2	("5832094").URPN.	USPAT	OR	OFF	2008/09/19 11:16
S10	2	("5832094").URPN.	USPAT	OR	OFF	2008/09/19 11:16
S11	15	("2619960" | "2785675" | "2888921" | "3729598" | "4055233" | "4311206" | "4372904" | "4442917" | "4629833" | "4811402" | "4974606" | "4975967").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/19 11:16
S12	0	(ear near2 plug) near20 valve near20 control$4 near2 attenuat$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/19 11:17

S13	1	(ear near2 plug) near20 valve near20 control$4 near20 attenuat$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/19 11:18
S14	2	(ear near2 plug) near20 valve near20 attenuat $3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/19 11:18
S15	186	(381/72).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/19 11:19
S16	1	wilmink.in. and ear and detect$2 and valve and attenuat$3 and adjust$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/19 11:22
S17	2	EP-333298-$.did.	USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/09/19 11:26
S18	13	(ear near2 plug) and (valve near20 attenuat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/19 11:28
S19	13	(ear near2 plug) and valve and attenuat$ and microphone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/19 13:24
S20	0	"381"/$.ccls. and valve near20 ((adjust$3 modify $3 chang$3) near20 attenuat$ near20 (sensor microphone))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/23 11:41
S21	4	valve near20 ((adjust$3 modify$3 chang$3) near20 attenuat$ near20 (sensor microphone))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/23 11:41
S22	2	(ear near2 plug) and (control$4 near20 valve near20 (sensor microphone))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/23 13:22
S23	2	(ear near10 plug) and (control$4 near20 valve near20 (sensor microphone))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/23 13:26
S24	13	(ear near10 plug) and (valve near20 (sensor microphone))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/23 13:26
S25	1	("6068079").PN.	USPAT	OR	OFF	2008/09/23 13:34
S26	8	(ear near10 plug) and (acoustic near5 valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 14:10
S27	1	("5631965").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 18:20
S28	9	("5631965").URPN.	USPAT	OR	OFF	2008/09/24 18:21

S29	2	(ear near2 plug) near20 valve near20 attenuat$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 18:26
S30	2	(ear near20 plug) near20 valve near20 attenuat$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 18:27
S31	8	(earplug) near20 valve near20 attenuat$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 18:27
S32	8	(earplug) near20 (lid cover valve door) near20 attenuat$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 18:28
S33	10	(earplug) near20 (lid cover valve door) near20 (reduc$4 attenuat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 18:31
S34	6	(earplug) near20 (lid cover valve door) near20 (acoustic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 18:33
S35	3	(earplug) near20 (lid cover valve door) near20 (sensor microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 18:34
S36	50	(earplug) near10 (lid cover valve door)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 18:34
S37	5	("5332871").URPN.	USPAT	OR	OFF	2008/09/24 18:40
S38	48	(earplug) near10 (lid cover valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 18:54
S39	22	(earplug) near10 (lid valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 18:54
S40	1074	(181/131-135).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 18:55
S41	350	(181/130).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 18:58
S42	5	(earplug) near20 open$1 near20 close$1 near20 (sensor microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 19:01
S43	21	(earplug) near10 valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 19:04

S44	14	("20020080979" | "20030037989" | "20030112990" | "20030133583" | "20030179894" | "20060034473" | "20060042868" | "20060045299" | "20060140416" | "20070071265" | "5631965" | "6533062" | "6687377" | "6819770").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/24 19:05
S45	5	S44 and valve	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/24 19:07
S46	144	(128/867).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/24 19:09
S47	0	("earplugnear20valvenear20micro-channel$1"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 19:13
S48	1	NEDERLANDSE.AS. and earplug	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/24 19:26
S49	0	wilmink.in. and ear and detect$2 and (control near20 valve near20 pass-through near20 low near20 attenuat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 18:53
S50	0	(earplug) near10 (sensor microphone) near10 valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 18:57
S51	133	(earplug) near10 (sensor microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 18:58
S52	105	(earplug) near5 (sensor microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 18:58
S53	3496	(381/72,312-314,375,151,74,380).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 19:01
S54	40	S53 and (earplug) near5 (sensor microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 19:02
S55	6	(earplug) near5 (sensor microphone) near20 (attenuat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 19:02
S56	39	(earplug near5 (sensor microphone)) and (valve switch$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 19:03
S57	8	(earplug near5 (sensor microphone)) and (valve near20 (attenuat$3 reduc$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 19:04

S58	23	(earplug near5 (sensor microphone)) and (valve switch$3) and attenuat$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 19:06
S59	0	(earplug near5 (sensor microphone)) and (control$3 near10 (actuat$3 activat$3 move$1 trigger$1) near10 (valve switch$3) near10 (reduc$3 weaken$3 decreas$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 19:21
S60	1	(earplug near5 (sensor microphone)) and (control$3 near10 (actuat$3 activat$3 move$1 trigger$1) near10 valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 19:22
S61	6190	(sensor microphone) near10 (control$3 near10 (actuat$3 activat$3 move$1 trigger$1) near10 valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 19:27
S62	1	((sensor microphone) near10 (control$3 near10 (actuat$3 activat$3 move$1 trigger$1) near10 valve)) and earplug	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 19:27
S63	244	((sensor microphone) near10 (control$3 near10 (actuat$3 activat$3 move$1 trigger$1) near10 valve)) and ((attenuat$ reduc$3 decreas$3) near5 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 19:28
S64	4	(microphone) near10 (control$3 near10 (actuat $3 activat$3 move$1 trigger$1) near10 valve)) and ((attenuat$ reduc$3 decreas$3) near5 noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/21 19:31
S65	556	(381/74).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/02/26 10:30
S66	3715	(381/72,312-314,375,151,74,380).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/02/26 10:30
S67	79	(180/130).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/02/26 10:30
S68	1	wilmink.in. and ear and detect$2 and (valve near5 seat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/02/26 10:30
S69	55	"381"/$.ccls. and (earplug near20 (valve switch $3 control$3 door))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/02/26 10:36
S70	1	180/130.ccls. and (earplug near20 (valve switch $3 control$3 door))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/02/26 10:36
S71	1	"381"/$.ccls. and (earplug near20 valve near10 channel$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/02/26 11:37

S72	3	(earplug near20 valve near10 channel$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/02/26 11:37
S73	23	(earplug near10 valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/02/26 11:39
S74	14	("20020080979" | "20030037989" | "20030112990" | "20030133583" | "20030179894" | "20060034473" | "20060042868" | "20060045299" | "20060140416" | "20070071265" | "5631965" | "6533062" | "6687377" | "6819770").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/26 11:42
S75	4	(("2876767") or ("5332871") or ("6938622")).PN.	USPAT; USOCR	OR	OFF	2010/02/26 11:43
S76	3	S75 and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/02/26 11:47
S77	0	"381"/$.ccls. and (earplug near20 valve near10 mesh)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/02/26 12:56

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2971	(381/72,312-314,375,151,74,380).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/11 16:25
L2	41	(180/130).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/11 16:25
L3	1	L1 and (valve near10 seat near10 (microchannel$1 micro-channel$1))	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/11 17:26
L4	1	L2 and (valve near10 seat near10 (microchannel$1 micro-channel$1))	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/11 17:26
L8	294	(181/130).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/11 18:01
L9	0	L8 and (valve near10 seat near10 (microchannel$1 micro-channel$1))	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/11 18:01
L10	980	(181/130-135).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/11 18:02
L11	0	L10 and (valve near10 seat near10 (microchannel$1 micro-channel$1))	US-PGPUB; USPAT; UPAD	OR	OFF	2010/03/11 18:02

3/11/2010 6:02:52 PM
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